



链滴

# 用 JS 实现 excel 预览

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原文链接: <https://ld246.com/article/1596692439546>

来源网站: [链滴](#)

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这次为大家分享的是，如何用js写出excel文件的预览。

他方便了pc用户和手机端用户可以无需下载，并且直接在线预览excel文件。

因为excel转html的显示用的是第三方开源库的代码，所以实现上有所限制。具体请参见 [所用到开源库](#) 这些库的说明。

### 支持

多sheet显示

合并后的单元格显示

手机画面优化

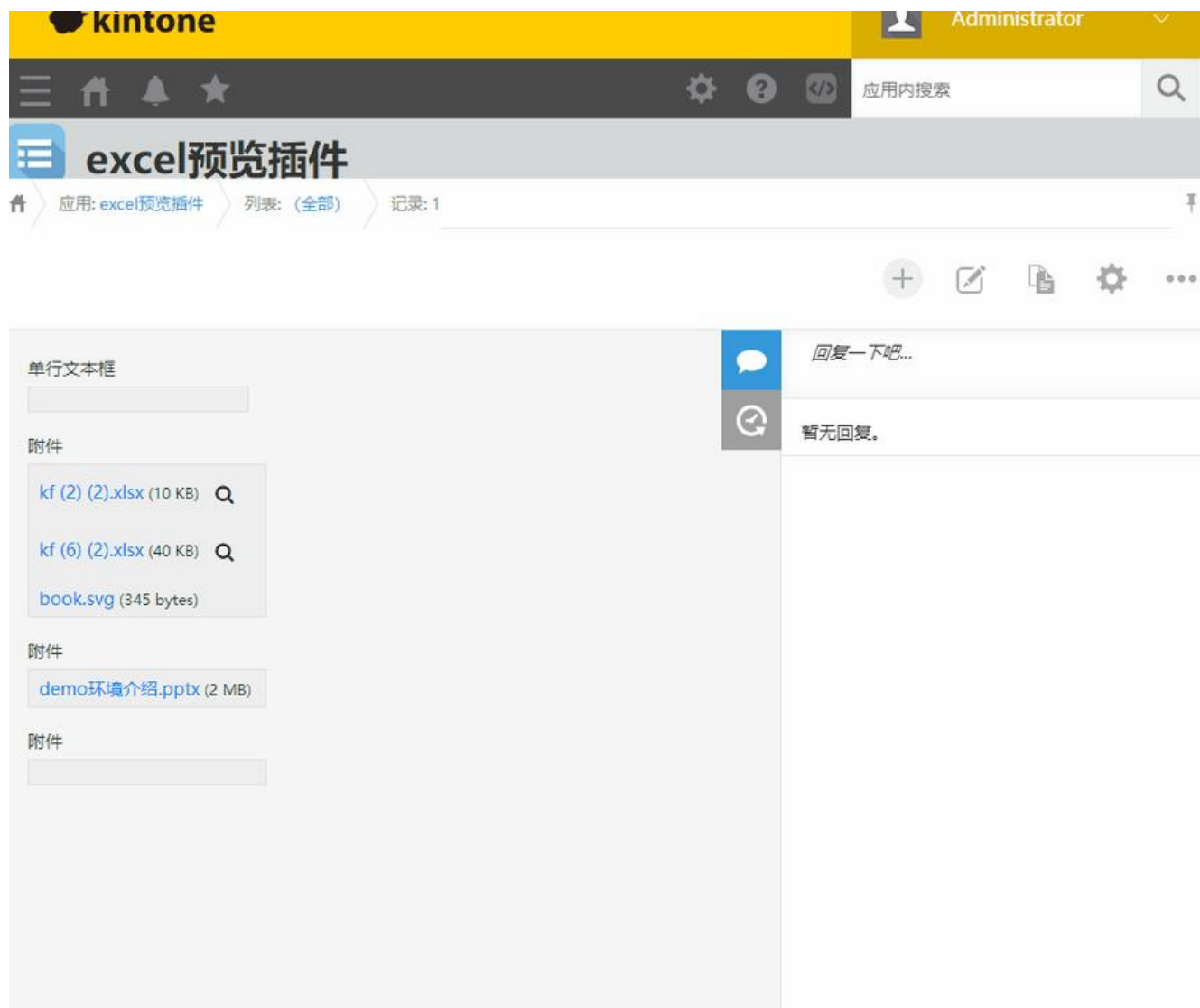
### 不支持

图片显示

链接，文字样式等

## 效果图

PC:



手机:



应用: excel预览插件 >

1

内容

回复 (0)

历史记录

单行文本框

附件

kf (2) (2).xlsx (10 KB) 🔍

kf (6) (2).xlsx (40 KB) 🔍

book.svg (345 bytes)

附件

demo环境介绍.pptx (2 MB)

附件

## 示例代码

### 所用到开源的库

#### js:

jQuery: <https://js.cybozu.cn/jquery/3.4.1/jquery.min.js>

sheetjs (js-xlsx): <https://github.com/SheetJS/sheetjs>

bootstrap: <https://github.com/twbs/bootstrap>

#### CSS:

<https://github.com/FortAwesome/Font-Awesome>

<https://github.com/keaukraine/bootstrap4-fs-modal> (mobile端)

## 代码

### 判断是否为excel文件

```
function checkXls(file) {
  let reg = /\.xl(s[xmb]|t[xm]|am|s)$/g;
  return reg.test(file);
}
```

## 加载模态框，显示加载画面，添加预览图标

```
function loadModal(fileInfo) {
  let previewElement;
  jQuery(".file-image-container-gaia").each(function (i, e) {
    let fileName = jQuery(e).children("a:eq(0)").text();
    if (fileName == fileInfo.name && jQuery(e).children("button").length == 0) {
      previewElement = jQuery(e);
      return false;
    }
  });
  if (!previewElement) return;
  let modalId = 'myModal' + fileInfo.fileKey;
  let tabId = 'myTab' + fileInfo.fileKey;
  let tabContentId = 'tab-content' + fileInfo.fileKey;
  let $button = $('<button type="button" class="btn btn-default" data-toggle="modal" data-target="#'+ modalId + '"><span class="fa fa-search"></span></button>');
  let myModal =
    '<style type="text/css">td{word-break: keep-all;white-space:nowrap;}</style>' +
    '<div class="modal fade tab-pane active" id="'+ modalId + '" tabindex="-1" role="dialog" aria-labelledby="myModalLabel">' +
    '<div class="modal-dialog modal-xl" style="border-radius:5px" role="document">' +
    '<div class="modal-content">' +
    '<div class="modal-header">' +
    '<h5 class="modal-title">' + fileInfo.name + '</h5>' +
    '<button type="button" class="close" data-dismiss="modal" aria-label="Close">' +
    '<span aria-hidden="true">&times;</span>' +
    '</button>' +
    '</div>' +
    '<ul class="nav nav-tabs" id="' + tabId + '">' +
    '</ul>' +
    '<div id="' + tabContentId + '" class="tab-content">' +
    '<div class="d-flex justify-content-center">' +
    '<div class="spinner-border" role="status">' +
    '<span class="sr-only">Loading...</span>' +
    '</div>' +
    '</div>' +
    '</div>' +
    '<div class="modal-footer">' +
    '<button type="button" class="btn btn-secondary" data-dismiss="modal">关闭</button>' +
    '</div>' +
    '</div>' +
    '</div>' +
    '</div>';
  previewElement.append($button);
  $('body').prepend(myModal);
  $('#'+ modalId).on('shown.bs.modal', function (e) {
    loadRemoteFile(fileInfo);
  });
}
```

```
    })  
  }
```

## 下载文件并加载到模态框中

```
function readWorkbookFromRemoteFile(url, callback) {  
  let xhr = new XMLHttpRequest();  
  xhr.open('get', url, true);  
  xhr.setRequestHeader('X-Requested-With', 'XMLHttpRequest');  
  xhr.responseType = 'arraybuffer';  
  xhr.onload = function (e) {  
    if (xhr.status == 200) {  
      let data = new Uint8Array(xhr.response)  
      let workbook = XLSX.read(data, { type: 'array' });  
      if (callback) callback(workbook);  
    }  
  };  
  xhr.send();  
}  
  
function readWorkbook(workbook, fileInfo) {  
  let sheetNames = workbook.SheetNames;  
  let navHtml = '';  
  let tabHtml = '';  
  let myTabId = 'myTab' + fileInfo.fileKey;  
  let tabContentId = 'tab-content' + fileInfo.fileKey;  
  for (let index = 0; index < sheetNames.length; index++) {  
    let sheetName = sheetNames[index];  
    let worksheet = workbook.Sheets[sheetName];  
    let sheetHtml = XLSX.utils.sheet_to_html(worksheet);  
    let tabid = "tab" + fileInfo.fileKey + "-" + index;  
    let xlsid = "xlsid" + fileInfo.fileKey + "-" + index;  
    let active = index == 0 ? "active" : '';  
    navHtml += '<li class="nav-item"><a class="nav-link ' + active + '" href="#" data-target="#" + tabid + '" data-toggle="tab">' + sheetName + '</a></li>';  
    tabHtml += '<div id="' + tabid + '" class="tab-pane ' + active + '" style="padding:10px;overflow:auto;height:600px" >' +  
      '<div id="' + xlsid + '">' + sheetHtml + ' </div></div>';  
  }  
  jQuery("#" + myTabId).html(navHtml);  
  jQuery("#" + tabContentId).html(tabHtml);  
  jQuery("#" + tabContentId + ' table').addClass("table table-bordered table-hover");  
}  
  
function loadRemoteFile(fileInfo) {  
  let fileUrl = '/k/v1/file.json?fileKey=' + fileInfo.fileKey;  
  readWorkbookFromRemoteFile(fileUrl, function (workbook) {  
    readWorkbook(workbook, fileInfo);  
  });  
}
```

**具体的mobile优化等等详细代码请参考完整文章：**

[kintone excel预览插件](#)

更多文章和演示: [Kintone demo环境](#)